

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S143	7248	((244/121,171.7,119,1r) or (24/297,453,114.3,581.1,16pb,102t) or (52/404.2,407.4) or (411/455,508,508,510,487,383,439,903)).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/01/08 17:08
S144	99	S143 AND @PD >= "20090729"	US-PGPUB; USPAT	OR	ON	2010/01/08 17:08
S145	2149	insulation SAME aircraft	US-PGPUB; USPAT	OR	ON	2010/01/08 17:09
S146	48	package SAME insulation SAME aircraft	US-PGPUB; USPAT	OR	ON	2010/01/08 17:09
S147	38	("1928867"   "2095626"   "2581625"   "2739412"   "2781820"   "3085666"   "3403428"   "3829150"   "3953566"   "3962153"   "4096227"   "4187390"   "4251961"   "4305988"   "4466224"   "4617776"   "4756945"   "4933225"   "5102711"   "5300178"   "5343663"   "5376441"   "5385694"   "5426869"   "5444959"   "5460872"   "5472760").PN. OR ("5811167"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/08 17:17
S148	11	("2129167"   "2376698"   "3182119"   "3895409"   "4568597"   "4653246"   "4901395").PN. OR ("5866231"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/11 14:21
S149	13	("3567162"   "4675225"   "4897303"   "5108821"   "5624726"   "5983586").PN. OR ("6358591").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/11 14:23
S150	28	("2095626"   "2123869"   "2409951"   "2633433"   "3058704"   "3062678"   "3435581").PN. OR ("3567162"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/11 14:24

S151	25	("20030042363"   "20060284014"   "2288845"   "2354919"   "2413772"   "2425935"   "3894706"   "4131257"   "4566660"   "4865280"   "4906155"   "5098047"   "5553368"   "5866231"   "5992802"   "6299106"   "6315250"   "6358591"   "6494411"   "6799607"   "6827312").PN. OR ("7419124").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/11 14:26
S152	44	("2342839"   "20050211839"   "3003902"   "5298694"   "5759659"   "5759659"   "5987833"   "6177157"   "6231944"   "6358591"   "6627561"   "7083147"   "7282252").PN. OR ("20020160198"   "2925098"   "3575786"   "5102723"   "5654518"   "6286785"   "6612217").PN. OR ("0015388"   "2945663"   "20020017590"   "20030080251"   "3577306"   "4310132"   "4428998"   "4598007"   "5051300"   "5154373"   "5429326"   "5951800"   "6114050"   "6286785"   "6322022"   "6565040"   "6861156"   "7108227"   "7115323").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/11 14:28
S153	5	("2581625"   "20060284014"   "4557961"   "5154373").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/11 14:29
S154	6	("4037751"   "4291851"   "4344591"   "4592950"   "5595817"   "6322022").PN. OR ("6565040").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/11 14:31
S155	10	("3238835"   "4010519"   "4842465"   "4878792"   "5069586").PN. OR ("5553368").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/11 14:34
S156	10	("2959259"   "3248838"   "4646383"   "4669688"   "4696128"   "D293880").PN. OR ("4906155").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/11 14:35
S157	12	("2271575"   "2681702"   "4303713").PN. OR ("4738072").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/11 14:40
S158	22149	insulat\$3 AND aircraft	US-PGPUB; USPAT	OR	OFF	2010/01/11 14:42
S159	4194	insulat\$3 SAME aircraft	US-PGPUB; USPAT	OR	OFF	2010/01/11 14:42
S160	3216	S159 AND (arrangement OR system)	US-PGPUB; USPAT	OR	OFF	2010/01/11 14:43
S161	1062	fire AND S159	US-PGPUB; USPAT	OR	OFF	2010/01/11 14:43

S162	1952	("244").clas. AND insulat\$3	US-PGPUB; USPAT	OR	OFF	2010/01/11 14:47
S163	124906	insulat\$3 AND overlap\$3	US-PGPUB; USPAT	OR	OFF	2010/01/11 15:09
S164	2658	aircraft AND S163	US-PGPUB; USPAT	OR	OFF	2010/01/11 15:09
S165	292248	frame WITH through	US-PGPUB; USPAT	OR	OFF	2010/01/11 15:10
S166	7239	S163 AND S165	US-PGPUB; USPAT	OR	OFF	2010/01/11 15:10
S167	199	aircraft AND S166	US-PGPUB; USPAT	OR	OFF	2010/01/11 15:10
S168	501	(244/131).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/01/11 15:14
S169	33	("20020140245"   "3232395"   "3557741"   "3701964"   "3832820"   "3868042"   "3949155"   "3980196"   "4036257"   "4054226"   "4071194"   "4124136"   "4452029"   "4592583"   "4631036"   "4679011"   "4911493"   "5083827"   "5110171"   "5253918"   "5398889"   "5421476"   "5509986"   "5626254"   "5723515"   "5788888"   "5884900"   "5934729"   "6196607"   "6199798"   "6286785"   "D298817").PN. OR ("7226019").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/11 15:16
S170	1205671	insulation OR barrier OR liner OR blanket OR package	US-PGPUB; USPAT	OR	OFF	2010/01/11 15:41
S171	16827	(fire OR flame OR burn) WITH S170	US-PGPUB; USPAT	OR	OFF	2010/01/11 15:41
S172	16828	(fire OR flame OR burn OR burnthrough) WITH S170	US-PGPUB; USPAT	OR	OFF	2010/01/11 15:41
S173	960	S172 AND S165	US-PGPUB; USPAT	OR	OFF	2010/01/11 15:41
S174	57	S173 AND aircraft	US-PGPUB; USPAT	OR	OFF	2010/01/11 15:41
S175	1509	S172 AND aircraft	US-PGPUB; USPAT	OR	OFF	2010/01/11 15:44

S176	381	(244/117r).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/01/11 16:36
S177	45370	((fire OR flame OR burn) SAME (barrier OR insulat\$3 OR blanket OR liner OR package)	US-PGPUB; USPAT	OR	ON	2010/01/11 16:46
S178	3430	aircraft AND S177	US-PGPUB; USPAT	OR	ON	2010/01/11 16:46
S179	4625334	instal\$5 OR arrang\$5 OR attach\$4	US-PGPUB; USPAT	OR	ON	2010/01/11 16:46
S180	2643	S178 AND S179	US-PGPUB; USPAT	OR	ON	2010/01/11 16:47
S181	504	((B64C1/38) or (B64C1/40)).IPCR.	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/11 17:12
S182	28488	S165 AND overlap	US-PGPUB; USPAT	OR	OFF	2010/01/11 17:21
S183	50025	S165 AND overlap\$4	US-PGPUB; USPAT	OR	OFF	2010/01/11 17:21
S184	1333	S183 AND aircraft	US-PGPUB; USPAT	OR	OFF	2010/01/11 17:21
S185	3575	S183 AND insulation	US-PGPUB; USPAT	OR	OFF	2010/01/11 17:21
S186	156	S183 AND ("244").clas.	US-PGPUB; USPAT	OR	OFF	2010/01/11 17:22
S187	26	("3769511"   "3799056"   "4124732"   "4151800"   "4330572"   "4344581"   "4439968"   "4456208"   "4557444"   "4702439"   "4713275"   "4804571"   "4892783"   "4919366"   "5310141"   "5310592"   "5330124"   "5429875"   "5474262"   "5489074"   "5575439").PN. OR ("5803406").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/11 17:24

S188	26	("3769511"   "3799056"   "4124732"   "4151800"   "4330572"   "4344591"   "4439968"   "4456208"   "4557444"   "4702439"   "4713275"   "4804571"   "4892783"   "4919366"   "5310141"   "5310592"   "5330124"   "5429875"   "5474262"   "5489074"   "5575439").PN. OR ("5803406").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/11 17:24
S189	5004	insulation WITH overlap\$4	US-PGPUB; USPAT	OR	OFF	2010/01/27 11:45
S190	160	S189 SAME (frame OR rib OR spar OR stringer)	US-PGPUB; USPAT	OR	OFF	2010/01/27 11:45
S191	257	(244/1n).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/01/27 11:53
S192	265	(244/117A).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/01/27 12:02
S193	10	("3024941").URPN.	USPAT	OR	ON	2010/01/27 12:08
S194	95	(244/129.2).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/01/27 12:10
S195	35	(244/129.1).cls. AND insulation	US-PGPUB; USPAT	OR	ON	2010/01/27 12:14
S196	73	(244/121).cls. AND insulation	US-PGPUB; USPAT	OR	ON	2010/01/27 12:20
S197	180	(244/159.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/01/27 12:27

S198	197	("1866534"   "1972005"   "20020040556"   "20020096601" "20020187699"   "20030008093"   "20030061777"   "20030129330"   "20030145773"   "20030213399"   "20040163345"   "20040247619"   "20050034382"   "20050058790"   "20050118366"   "2095626"   "2123869" "2129167"   "2160066"   "2376698"   "2409951" "2633433"   "2893068"   "3003902"   "3058704"   "3062678"   "3160549"   "3182119"   "3193049"   "3386527"   "3435581"   "3490983"   "3567162"   "3740905"   "3769511"   "3799056"   "3830666"   "3867244"   "3895409"   "3906128"   "3953566"   "4041872"   "4124732"   "4130972"   "4151800"   "4194041"   "4198454"   "4228215"   "4230293"   "4235398"   "4275473"   "4291851"   "4313524"   "4330572"   "4338368"   "4344591"   "4358480"   "4390575"   "4439968"   "4442647"   "4456208"   "4489906"   "4535017"   "4557444"   "4568597"   "4578909"   "4594278"   "4600620"   "4635882"   "4646499"   "4649795"   "4653246"   "4656681"   "4675225"   "4702439"   "4713275"   "4734323"   "4756937"   "4804571"   "4892783"   "4897303"   "4901395"   "4919366"   "4931333"   "4989688"   "5034085"   "5038693"   "5044705"   "5102711"   "5108821"   "5121515"   "5165627"   "5169700"   "5190248"   "5194315"   "5234660"   "5251849"   "5310141"   "5310592"   "5330124"   "5360653"   "5362539"   "5398889"   "5429875"   "5431990"   "5472760"   "5474262"   "5489074"   "5489462"   "5532039"   "5560569"   "5575439"   "5577688"   "5611504"   "5624726"   "5678384"   "5684278"   "5700118"   "5759659"   "5779193"   PN. OR ("5788184"   "5811167"   "5895013"   "5928752"   "5958583"   "5983586"   "5985362"   "6007026"   "6141930"   "6179086"   "6277463"   "6299106"   "6312561"   "6318673"   "6358591"   "6479560"   "6502788"   "6505794"   "6538591"   "6579396"   "6615906"   "6645598"   "6677026"   "6811852"   "6930352"   PN. OR ("3567162"   "5472760"   "5803406"   "5866231"   "6358591"   "7083147"  ). JRPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/27 12:55
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S199	12	("3080272"   "4060451"   "4286013"   "5266395"   "5393872"   "5830319"   "6166114").PN. OR ("6312561").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/27 13:01
S200	10	("3986781"   "4123575"   "4235398"   "5251849"   "5472760"   "5611504").PN. OR ("5985362").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/27 13:03
S201	12623	(package OR insulation OR liner OR lining OR barrier OR block OR stop OR blanket) WITH (cabin OR fuselage OR aircraft)	US-PGPUB; USPAT	OR	ON	2010/01/27 14:42
S202	1339	overlap\$3 AND S201	US-PGPUB; USPAT	OR	ON	2010/01/27 14:47
S203	1537419	frame OR rib OR spar OR bulkhead OR stringer OR longeron	US-PGPUB; USPAT	OR	ON	2010/01/27 14:48
S204	671	S202 AND S203	US-PGPUB; USPAT	OR	ON	2010/01/27 14:48
S205	39	("1127074"   "1496388"   "2282631"   "2799232"   "3296761"   "3513614"   "3619437"   "4058949"   "4075806"   "4117641"   "4147003"   "4172345"   "4303713").PN. OR ("4446665").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/27 14:48
S206	6	("2263919").URPN.	USPAT	OR	ON	2010/01/27 14:55
S207	152	S204 AND ("52" OR "244" OR "181").clas.	US-PGPUB; USPAT	OR	ON	2010/01/27 14:57
S208	519	S204 NOT ("52" OR "244" OR "181").clas.	US-PGPUB; USPAT	OR	ON	2010/01/27 15:13
S209	30	("3238835").URPN.	USPAT	OR	ON	2010/01/27 19:38
S210	21	("2724303"   "2967448"   "3238835"   "3461772").PN. OR ("4003175").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/27 19:44
S211	10	("3238835"   "4010519"   "4842465"   "4878792"   "5069586").PN. OR ("5553368").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/27 20:01
S212	28	("1055440"   "1258172"   "1337938"   "1600769"   "2260048"   "2555291"   "3387529"   "3606406"   "4018023"   "4157001").PN. OR ("4842465").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/27 20:04

S213	25	("20030042363"   "20060284014"   "2288845"   "2354919"   "2413772"   "2425935"   "3894706"   "4131257"   "4566660"   "4865280"   "4906155"   "5098047"   "5553368"   "5866231"   "5992802"   "6299106"   "6315250"   "6358591"   "6494411"   "6799607"   "6827312").PN. OR ("7419124").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/27 20:06
S214	14200	insulation WITH (retainer OR hanger OR fastener OR grommet OR spike OR screw OR tree OR stud OR (device WITH (retaining OR fastening)))	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/27 20:28
S215	383	S214 AND ("411").das.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/27 20:29
S216	433	S214 AND aircraft	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/27 20:29
S217	16	S215 AND S216	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/27 20:29
S218	214720	metal\$3 WITH (core OR center OR middle)	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/27 20:32
S219	1269	S218 AND S214	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/27 20:33
S220	1018	(cas\$3 OR sheath OR coating) AND S219	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/27 20:33
S221	28	("1055440"   "1258172"   "1337938"   "1600769"   "2260048"   "2555291"   "3387529"   "3606406"   "4018023"   "4157001").PN. OR ("4842465").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/27 20:34
S222	27	("2007179"   "2412744"   "3604492"   "4069738"   "4592688"   "4597702"   "4616455"   "4653246"   "4764069"   "4781503"   "4834600"   "4842465"   "4930959"   "4932819"   "4978350"   "5171118"   "5177922").PN. OR ("5426905").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/27 20:34
S223	38	S219 AND aircraft	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/27 20:36
S224	30	("3238835").URPN.	USPAT	OR	ON	2010/01/27 20:40
S225	55	(411/900-908).cds. AND insulation	US-PGPUB; USPAT	OR	OFF	2010/01/27 20:53



S226	39	("2645929"   "2775018"   "3274680"   "4329821"   "4348847"   "4393635"   "4545163"   "4624089"   "4702053").PN. OR ("4805366").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/27 21:07
S227	17	("3673911"   "3924298"   "4235404"   "4454699"   "4495380"   "4672719"   "4785563"   "4805366"   "4867725"   "5079804"   "5117575"   "5269809"   "5520691"   "5639196"   "5685682"   "5836054"   "5960575").PN. OR ("6442806").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/27 21:09
S228	504	(244/131).CQLS.	US-PGPUB; USPAT	OR	OFF	2010/01/27 21:13
S229	14	("3238835"   "4010519"   "4675937"   "4842465"   "4878792"   "5069586"   "5222827").PN. OR ("5435679").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/27 21:19
S230	31	("0309975"   "0698217"   "1136698"   "1233385"   "2466013"   "2574160"   "2801061"   "2836918"   "2936810"   "3263466"   "3653294"   "3866914"   "3983904"   "4400960"   "4646816"   "4751944").PN. OR ("4958743").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/27 21:23
S231	70	(52/404.4).CQLS.	US-PGPUB; USPAT	OR	OFF	2010/01/28 15:37
S232	27	("2492115"   "2704680"   "2993950"   "3085461"   "3419298"   "3846851"   "3905052"   "4530629").PN. OR ("4907923").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/28 16:06
S233	2	((("5108821" or ("5624726"))).PN.	US-PGPUB; USPAT	OR	OFF	2010/01/28 17:07
S234	616317	washer OR nut OR retainer	US-PGPUB; USPAT	OR	ON	2010/01/28 17:28
S235	21879	S234 AND (metal\$5 WITH (core OR center OR middle))	US-PGPUB; USPAT	OR	ON	2010/01/28 17:29
S236	3739	S234 SAME (metal\$5 WITH (core OR center OR middle))	US-PGPUB; USPAT	OR	ON	2010/01/28 17:30
S237	39902	S234 AND (cas\$4 OR coat\$3 OR jacket) WITH (plastic OR composite OR nylon)	US-PGPUB; USPAT	OR	ON	2010/01/28 17:30
S238	3215	S235 AND S237	US-PGPUB; USPAT	OR	ON	2010/01/28 17:31

S239	5282	S234 SAME (cas\$4 OR coat\$3 OR jacket) WITH (plastic OR composite OR nylon)	US-PGPUB; USPAT	OR	ON	2010/01/28 17:44
S240	137	S236 AND S239	US-PGPUB; USPAT	OR	ON	2010/01/28 17:44
S241	2	{244/131,132}.ccls. AND ((aramide OR "carbon fiber") WITH nut)	US-PGPUB; USPAT	OR	ON	2010/01/28 21:49
S242	275	((aramide OR "carbon fiber") WITH nut)	US-PGPUB; USPAT	OR	ON	2010/01/28 21:54
S243	29	((aramide OR "carbon fiber") NEAR4 nut)	US-PGPUB; USPAT	OR	ON	2010/01/28 21:54

### EAST Search History (Interference)

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1/ 29/ 2010 8:11:13 PM

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